

ABSTRACT OF THE DISCLOSURE

APPARATUS AND METHOD FOR DISTRIBUTING PORTIONS OF LARGE WEB PAGES TO FIT SMALLER CONSTRAINED VIEWING AREAS

5 The present invention is a methodology for displaying a web page on a hand held display device (HHDD). The invention comprises a Web Page Modification Program (WPMP) and a Navigation Program (NP). The WPMP creates a bitmap image of the web page. The WPMP records the location of the web page hyperlinks and creates an illusion of a working hyperlink by creating a segmented image on the image map where the hyperlink would be. The WPMP then
10 displays a fragment of the image on the HHDD at the resolution intended by the web page designer. Thus the present invention allows the user to view a fragment of the web page at the intended resolution without having to load the entire web page onto the HHDD. The NP of the present invention allows the user to move from one fragment to another. An alternative embodiment utilizing a proxy is also disclosed.